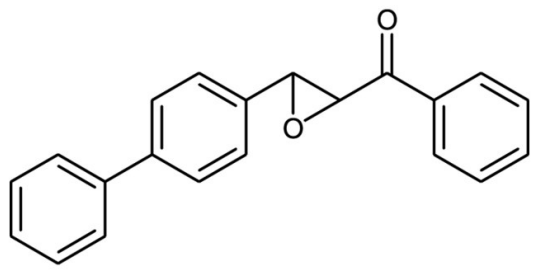
4-Phenylchalcone Oxide

Epoxide hydrolase inhibitor

Potent and selective inhibitor of microsomal and cytosolic epoxide hydrolase (IC_{50}=68 nM). Inhibits epoxide hydrolysis of epoxyeicosatrienoic acids.

Citations: 2 View Online »

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to one year. Store solutions at -20°C for up to three months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
CAS	82389-34-2
Couple Target	Epoxide hydrolase
Couple Type	Inhibitor
Formula	$C_{21}H_{16}O_2$
MW	300.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml)
Source	Synthetic.

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